GES DISC

Aura Evolution Status

Aura Integration and Test Schedule

Start	Finish	
2/15/2006	3/31/2006	Aura S4PA Hardware design
5/1/2006	5/19/2006	Hardware procurement
5/23/2006	6/30/2006	Buy and ship hardware
7/15/2006	8/23/2006	Install and configure hardware
8/5/2006	8/31/2006	Integrate MLS S4PA interfaces (SIPS, SCF)
9/5/2006	9/22/2006	MLS S4PA end-to-end system testing
	9/25/2006	MLS S4PA Mini-MOSS Test Readiness Review
9/26/2006	9/28/2006	MLS S4PA Mini-MOSS Test
9/18/2006	10/6/2006	Integrate OMI S4PA interfaces (SIPS)
10/10/2006	11/3/2006	OMI S4PA End-to-end system testing
	11/6/2006	OMI S4PA Mini-MOSS Test Readiness Review
11/7/2006	11/9/2006	OMI S4PA Mini-MOSS Test

Aura Integration and Test Schedule

Start	Finish	
11/13/2006	12/1/2006	Integrate HIRDLS S4PA interfaces (SIPS, SCF)
12/4/2006	12/22/2006	HIRDLS S4PA end-to-end system testing
	1/8/2007	HIRDLS S4PA Mini-MOSS Test Readiness Review
1/9/2007	1/11/2007	HIRDLS S4PA Mini-MOSS Test
1/28/2007	2/9/2007	Integrate SORCE S4PA interface (LASP)
2/12/2007	2/23/2007	SORCE S4PA system testing
	2/26/2007	SORCE S4PA interface Transition Readiness Review
	2/27/2007	SORCE S4PA End-to-end test

Aura Data Evolution

- Mini-MOSS Test for GMAO data flows to Aura SIPS successfully completed; GOLDS system is operational

- 3X rate targeted for Mini-MOSS test (1X forward, 2X reproc)

- Updated data documentation needed from science teams to populate GCMD DIFs (S4PA Collection level metadata)

- GES DISC populates GCMD

- NOSE not supported by ECHO/WIST (current EDG capability)
  - Different metadata required for ECHO/WIST

Aura Data Evolution

- Are Aura data publicly available upon archive at the GES DISC?

- If no then restricted data access must be thoroughly exercised in testing

- Dates for Aura reprocessing?
  - Please provide GES DISC with latest schedules

Aura Data Evolution

- Original Plan: DPREP output distributed from ECS until TADS transition in early 2007

- Update: Archive DPREP output on ACDISC (S4PA) with leapsec and utcpole files

- Data push from S4PA upon successful completion of Mini-MOSS; Higher level products to S4PA upon reproc

Other Items

- On-the-fly FTP Subsetting (HE5Subset) available in S4PA:
  - Spatial
  - Parameter

- Giovanni (online interactive visualization and exploration tool) available as well
  - OMI L2G (OMTO3G currently, others will be added as they are made public)
  - MLS L2 profiles (L3 when v2.2 comes out)
  - *HIRDLS will be added when it is made public*
  - *TES could be added in as well*